

## Claims

1. (Currently amended) Method for assisting the landing and/or takeoff of a powered flying object, ~~characterized by the provision of a, said~~ method comprising providing a relative to a landing and/or takeoff area ~~(10)~~, stationary-generated fluid current, in order to introduce energy into the flying object, wherein the fluid current provided has a certain specific density, and if necessary enriching the provided fluid current by at least one substance of higher specific density to increase its deceleration effect and/or its acceleration effect, respectively.

2. (Currently amended) Method according to Claim 1, wherein ~~characterized in that~~ the direction of the fluid current is adjusted depending on the situation.

3. (Currently amended) Method according to Claim 1, wherein ~~characterized in that~~ the value of at least one further physical parameter of the fluid current is adjusted depending on the situation.

4. (Currently amended) Method according to Claim 3, wherein ~~characterized in that~~ the at least one physical parameter comprises at least one of the following parameters: temperature of the fluid current, ~~density of the fluid~~

~~current~~, velocity of the fluid current, homogeneity of the fluid current and laminarity rate of the fluid current.

5. (Canceled)

6. (Currently amended) Method according to Claim 1, wherein ~~characterized in that~~ a fire-extinguishing agent is introduced into the fluid current provided.

7. (Currently amended) Method according to Claim 1, wherein ~~characterized in that~~ the fluid current provided is a wind generated artificially from the existing atmosphere, a matter stream or a mass flow.

8. (Currently amended) Method according to Claim 1, wherein ~~characterized in that~~ to assist the landing of a flying object firstly a fluid current is provided, which is capable of decelerating the flying object, and then a fluid current is provided, which is capable of lowering the flying object from a hovering position onto the landing area ~~(10)~~.

9. (Currently amended) Method according to Claim 1, wherein ~~characterized in that~~ to assist the takeoff of a flying object firstly a fluid current is provided, which is capable of lifting the flying object from the takeoff area ~~(10)~~

to a hovering position and then a fluid current is provided, which is capable of accelerating the flying object in a desired direction.

10. (Currently amended) Apparatus for assisting the landing and/or takeoff of a powered flying object, ~~characterized by~~ comprising:

at least one, related to a landing and/or a takeoff area ~~(10)~~, stationary fluid current generator ~~(11)~~, which is designed to provide a fluid current in order to introduce energy into a flying object; and

a substance supply unit designed to introduce an additional substance into the provided fluid current to increase its deceleration effect and/or its acceleration effect, respectively, the additional substance having a higher specific density than the provided fluid current.

11. (Currently amended) Apparatus according to Claim 10, wherein ~~characterized in that~~ the fluid current provided by the fluid current generator ~~(11)~~ can be adjusted.

12. (Currently amended) Apparatus according to Claim 10, wherein ~~characterized in that~~ the fluid current generator is designed so as to vary the value of at least one further physical parameter of the fluid current provided.

13. (Currently amended) Apparatus according to Claim 10, wherein  
~~characterized by~~ a heating element ~~(12)~~ for heating up the fluid current is  
provided.

14. (Currently amended) Apparatus according to Claim 10, wherein  
~~characterized by~~ a cooling element ~~(12)~~ for cooling down the fluid current is  
provided.

15. (Canceled)

16. (Currently amended) Apparatus according to Claim 10, wherein  
~~characterized by~~ a fire-extinguishing agent supply unit ~~(13)~~ for introducing a  
fire-extinguishing agent into the fluid current is provided.

17. (Currently amended) Apparatus according to Claim 10, wherein  
~~characterized in that~~ the at least one fluid current generator comprises at least  
one blower ~~(11)~~.

18. (Currently amended) Apparatus according to Claim 16, wherein  
~~characterized in that~~ the at least one blower comprises at least one turbofan ~~(11)~~.

19. (Currently amended) Apparatus according to Claim 10, wherein ~~characterized in that~~ the at least one fluid current generator ~~(11)~~ is designed so as to provide as fluid current a wind artificially generated from the existing atmosphere, a matter stream or a mass flow.

20. (Currently amended) Apparatus according to Claim 10, further comprising ~~characterized by~~ a control device ~~(14)~~ for determining the optimum value of at least one parameter of the fluid current being provided by the at least one fluid current generator and for adjusting this at least one parameter value.

21. (Currently amended) Apparatus according to ~~Claim 19~~ Claim 12, wherein ~~characterized in that~~ the at least one parameter comprises at least one of the following parameters: direction of the fluid current, temperature of the fluid current, ~~density of the fluid current~~, velocity of the fluid current, homogeneity of the fluid current and laminarity rate of the fluid current.